

# Your Ultimate Source for OEM Repair Manuals

FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

## **2000 CHEVROLET Matiz / Spark (M150) OEM Service and Repair Workshop Manual**

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### Circuit/System Verification

1. Ignition ON, infotainment system ON, mute OFF.
2. Verify clear audio is heard from each speaker, adjusting fade and balance controls to test each speaker individually.
  - **If audio is inoperative from one or more speakers, or the audio emitted is not clear**  
Refer to Circuit/System Testing.
  - **If clear audio is heard from all speakers**
3. All OK.

### Circuit/System Testing

#### 1. NOTE

##### Note

In the following tests, audio signal frequencies (Hz) will be tested. To prevent misdiagnosis, the door chime must be OFF during testing. Ensure the driver door latch is closed during testing.

Ignition OFF, disconnect the harness connector at the appropriate P19 Speaker. Ignition ON, infotainment system ON, mute OFF.

2. Test for 5–7 V between the appropriate signal circuit terminals listed below and ground.
  - door, tweeter, center I/P, and rear window shelf speakers audio (-) circuit terminal 1
  - door, tweeter, center I/P, and rear window shelf speakers audio (+) circuit terminal 2
  - subwoofer audio (-) circuit terminals 1 and 3
  - subwoofer audio (+) circuit terminal 2 and 4
  - **If less than 5 V**
    1. Ignition OFF, disconnect the X1 and X2 harness connectors at the T3 Audio Amplifier.
    2. Test for infinite resistance between the signal circuit and ground.
      - If less than infinite resistance, repair the short to ground on the circuit.



YOUR CURRENT VEHICLE

## Speaker Replacement Reference

### Speaker Replacement Reference

#### Speaker Replacement Reference

Component	Repair Instruction
Center I/P Speaker	<a href="#">Radio Front Center Speaker Replacement</a>
Front Door Speaker	<a href="#">Radio Front Side Door Upper Speaker Replacement</a>
Front Door Woofer Speaker	<a href="#">Radio Front Side Door Speaker Replacement</a>
Front Tweeter Speaker	<a href="#">Radio Front Speaker Replacement</a>
Rear Compartment Speaker	<a href="#">Radio Rear Speaker Replacement</a>
Subwoofer Speaker	<a href="#">Radio Rear Compartment Speaker Replacement</a>

- Bluetooth Malfunction
- No Global Positioning System (GPS) Reception
- OnStar Microphone Malfunction
- OnStar Audio Malfunction
- OnStar Button LED Malfunction
- OnStar Call Center Remote Function Requests Malfunction
- OnStar Button Malfunction
- Unable to Contact OnStar Call Center
- OnStar Voice Recognition Malfunction
- OnStar Steering Wheel Control Functions Malfunction

- Application Malfunction
- Auxiliary Audio Input Malfunction
- Bluetooth Malfunction
- Digital Radio Poor or No Reception
- No Global Positioning System (GPS) Reception
- Radio Poor Reception
- Speaker Malfunction
- Voice Recognition Malfunction

Sample